Docker on Amazon Lightsail (Quick Install) (https://davekz.com/docker-on-lightsail/)
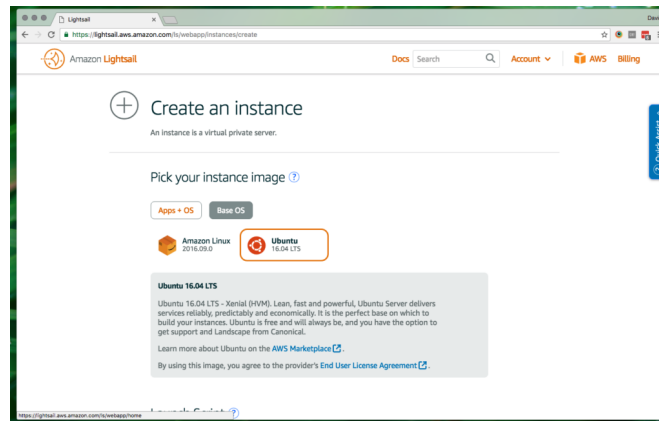
Posted on December 2, 2016 (https://davekz.com/docker-on-lightsail/) by David Kryzaniak (https://davekz.com/author/david/)

Amazon Lightsail is a new service on AWS which appears to be targeted at hosts like Digital Ocean and Linode. There's a pretty neat "Launch Script" feature! Here's a quick guide to automated Docker installs.

Login to AWS, jump to Lightsail (https://lightsail.aws.amazon.com/ls/webapp/instances/create), and select "Base OS" and the option for "Ubuntu 16.04".

(https://cdn.davekz.com/wp-content/uploads/2016/12/Screenshot-2016-12-02-22.12.47.png)

For this example, we're going to use the Docker PHP Image (https://hub.docker.com/_/php/). You'll probably want to modify the last two lines of this script to pull your own Docker image. In the "Launch Script" box, enter this code:

```
 1    sudo apt-get update
 2    sudo apt-get install -y apt-transport-https ca-certificates
 3    sudo apt-key adv --keyserver hkp://ha.pool.sks-keyservers.net:80 --recv-keys 58118E89F3A9128(
 4    echo "deb https://apt.dockerproject.org/repo ubuntu-xenial main" | sudo tee /etc/apt/sources
 5    sudo apt-get update
 6    sudo apt-get install -y linux-image-extra-$(uname -r) linux-image-extra-virtual
 7    sudo apt-get install -y docker-engine
 8    sudo service docker start
 9
10    sudo docker pull php:5.6-apache
11    sudo docker run --name apachephp -d --restart=always -p 80:80 php:5.6-apache
```

m/davidkryzaniak/0f1a6738f4247dd8e1ff4781493f7ac5/raw/efb5e3186aaa47861f9bb04206ed7a4655379147/lightsail-

lightsail-docker.sh (https://gist.github.com/davidkryzaniak/0f1a6738f4247dd8e1ff4781493f7ac5#file-lightsail-docker-sh) hosted with ❤ by GitHub (https://github.com)
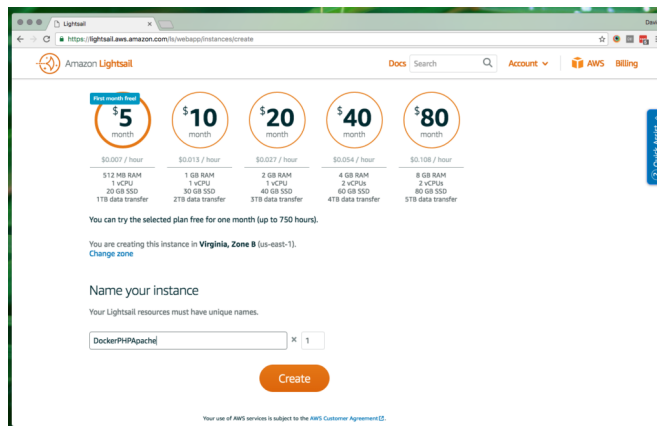
You can login to DockerHub using:

```
sudo docker login --username=your_username --password=your_password123!
```


(https://cdn.davekz.com/wp-content/uploads/2016/12/Screenshot-2016-12-02-22.53.15.png)
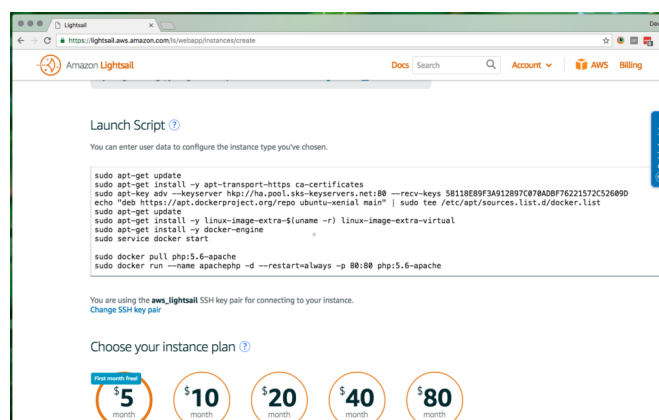
Select your SSH key. Choose your Instance plan. Give your instance a name.

(https://cdn.davekz.com/wp-content/uploads/2016/12/Screenshot-2016-12-02-22.53.33.png)

Wait a few minutes··· Even though the instance is "Running" the install script hasn't completed. This takes between 2-5minutes, depending on how big the Docker image is.

(https://cdn.davekz.com/wp-content/uploads/2016/12/Screenshot-2016-12-02-22.58.10.png)
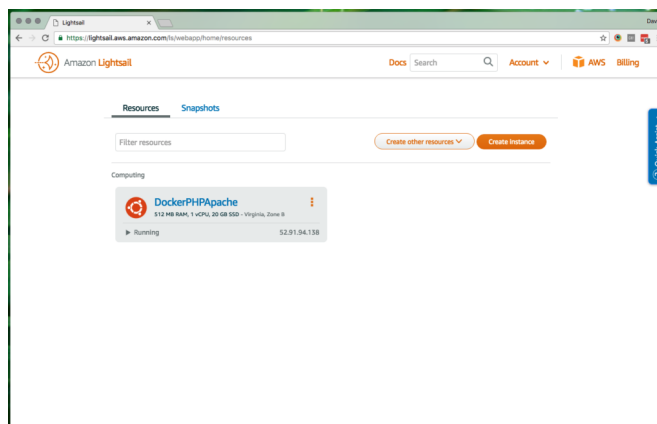
View the page. In this example, a 403 error means the container is running but there's nothing to serve. Success! You can SSH in and start editing.

(https://cdn.davekz.com/wp-content/uploads/2016/12/Screenshot-2016-12-02-22.58.34.png)
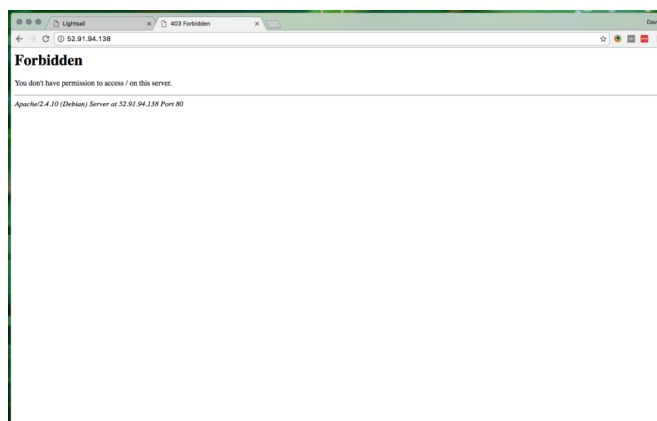
That's it and that's all!

Spam this to your "Friends":